

2.1 Protect Human Health

DWR

1.1 Drinking Water Plan Review

Continued

1.1

1 Report numbers of permitting decisions on drinking water plan review applications. POU/POE approvals are included in the ATC/AOC numbers.

DWSRF 10%

a	Approvals to Construct (ATC)	Semi-Annual	Drinking Water
b	Approvals of Construction (AOC)	Semi-Annual	Drinking Water

1.1

WQFF	1.50	85,930	37,809	38,445	162,184
VEI DWSRF Match	0.42	12,093	5,321	5,410	22,824
15% Set Aside	1.25	47,757	21,013	21,366	90,136
10% Set Aside	1.50	80,253	35,311	35,905	151,469
	4.67	226,033	99,454	101,126	426,613

2.1 Protect Human Health

DWR

1.2 Drinking Water Technical Assistance

Continue WIFA/DEQ partnership in providing operational technical assistance and tools to public water systems to assist in improving system compliance. Assistance may involve use of ADEQ staff and/or third party providers, as appropriate.

1.2

1 Finalize Master Priority List (MPL) for system level technical assistance in conjunction with WIFA.	4/15/2018	Drinking Water	
2 Assign technical assistance projects to state approved contractors and oversee contractor performance. Apply system level TA, which may include fundable ranges outlined in WIFA's Intended Use Plan (IUP), within 30 days after SEs are approved by the state.	Semi-Annually	Drinking Water	
3 Report the decrease in missed monitoring violations for lead and copper	4/15/2018	Drinking Water	DWSRF 10%
4 Report the technical assistance provided to small PWS with a high score on the MPL	Semi-Annually	Drinking Water	DWSRF 10%
5 Report the the number of small PWSs in compliance	6/30/2018	Drinking Water	DWSRF 10%
6 If resources are available, ADEQ will attend the national Capacity Development and Operator Certification conference/workshop	6/30/2018	Drinking Water	
7 If resources are available, ADEQ will attend the EPA -ORD Small Systems Compliance Technology Workshop	6/30/2018	Drinking Water	
8 Report the number of small PWS which a water rate analysis/rate case was completed.	Semi-annually	Drinking Water	

2.1 Protect Human Health

DWR

1.2 Drinking Water Technical Assistance

Continued

1.2

VEI	0.25	9,594	4,221	4,292		18,107
Contract: Oper Tech Assist (DSWRF 15%)					250,000	250,000
15% Set Aside	0.80	55,943	24,615	25,029		105,587
10% Set Aside	0.84	60,150	26,466	26,911		113,527
Contract: Oper Tech Assist (2% set aside)					200,160	200,160
	1.89	125,687	55,302	56,232	450,160	687,381

1.3 Operator Certification

The Safe Drinking Water Act requires states to adopt and implement a program for certification and recertification of the operators of community water systems (CWSs) and non-transient, non-community water systems (NTNCWSs) that meet the minimum standards set forth in guidelines to be published by EPA.

ADEQ will conduct certification exams or contract with third party to conduct exams statewide, maintain registry of certified operators, and process and resolve disputes between persons and third party testers. ADEQ will continue outreach on the proposed operator certification fee rule as needed.

1.3

1 Conduct training workshops.	6	Drinking Water	PPG
2 Report certificates issued by class and grade:			PPG
a Distribution Grade 1	Semi-Annual	Drinking Water	
b Distribution Grade 2	Semi-Annual	Drinking Water	
c Distribution Grade 3	Semi-Annual	Drinking Water	
d Distribution Grade 4	Semi-Annual	Drinking Water	
e Treatment Grade 1	Semi-Annual	Drinking Water	
f Treatment Grade 2	Semi-Annual	Drinking Water	
g Treatment Grade 3	Semi-Annual	Drinking Water	
h Treatment Grade 4	Semi-Annual	Drinking Water	
3 Review and verify professional development hours for certification renewals.	10%	Drinking Water	PPG
4 Conduct annual audit of approved third party proctors.	100%	Drinking Water	PPG
5 FY16 Annual Report to EPA	9/15/2017	Drinking Water	PPG

2.1 Protect Human Health

DRW

1.3 Operator Certification

Continued

1.3

VEI DWSRF Match	0.42	4,232	1,862	1,894		7,988
VEI	1.67	61,244	26,947	27,401		115,592
15% Set Aside	0.66	33,702	14,829	15,078		63,609
10% Set Aside	0.25	12,556	5,525	5,618		23,699
Contract: Oper Tech Assist (2% set aside)					100,000	100,000
	3.00	111,734	49,163	49,991	100,000	310,888

2.1 Protect Human Health

DWR

1.4 New and Existing System Capacity Development

Ensure that new community water systems and non-transient, non-community water systems which commenced operations since October 1, 1999, can demonstrate technical, managerial and financial capacity to operate in compliance with the requirements contained in the federal regulations in effect at the time the water system begins operations.

Continue WIFA/DEQ Partnership providing operational technical assistance and tools to public water systems to assist in improving system compliance. Identify technical, managerial and financial (TMF) obstacles/challenges faced by existing systems and implement strategies to address.

1.4

1 Report permitting decisions on elementary business plan applications.	Semi-Annual	Drinking Water	DWSRF 10%
2 Conduct ongoing training for PWS staff/certified operators which, at a minimum, will include the following PWS managers/owners topics:			DWSRF 10%
a Monitoring Assistance Program	4	Drinking Water	
b New PWS capacity development	4	Drinking Water	
d Existing Safe Drinking Water rules	4	Drinking Water	
3 FY17 Governor's Report	9/15/2017	Drinking Water	DWSRF 10%
4			DWSRF 10%

1.4

VEI	0.25	3,198	1,407	1,431	6,036
15% Set Aside	0.80	10,604	4,666	4,744	20,014
10% Set Aside	0.36	30,988	13,635	13,864	58,487
	1.41	44,790	19,708	20,039	84,537

2.1 Protect Human Health

DWR

1.5 Drinking Water Monitoring Assistance Program (MAP)

Assist small public water systems serving fewer than 10,000 populations with improving system compliance by developing and implementing strategies to perform required monitoring. Provide technical assistance, develop and update monitoring guidance documents. Initiate and issue waivers. Update vulnerability assessments. Reconcile laboratory analysis report with requested tests and with individual system monitoring requirements. Assure all follow-up samples are taken. GPS points of entry, as needed.

1.5

1 Update monitoring schedules, including waivers and/or reduced monitoring assessments, for:

a	Groundwater PWSs	Semi-Annually	Drinking Water
b	Surface water PWSs	Semi-Annually	Drinking Water

1.5

VEI DWSRF Match	0.25	9,594	4,221	4,292	18,107
VEI	1.59	26,372	11,604	11,799	49,775
PPG	0.75	32,934	14,491	14,735	62,160
MAP	1.00	48,663	21,412	21,772	91,847
15% Set Aside	0.97	47,149	20,746	21,095	88,990
10% Set Aside	2.85	19,328	8,504	8,647	36,479
Contract: Map Lab				750,000	750,000
	7.41	184,040	80,978	82,340	1,097,358

2.1 Protect Human Health

DWR

1.6 Drinking Water Monitoring and Reporting

These activities will support all the monitoring and reporting requirements for public drinking water systems in accordance with state and federal drinking water rules.

1.6

1 Complete SDWIS reporting for OECA on actions taken on systems with new violations.	T = Quarterly	A =	Drinking Water	DWSRF 10%
2 Run monitoring/reporting rules in SDWIS, or alternative system as per monitoring schedule, validate violations and ensure proper public notification is issued. Report rules that were not run.	T = Semi-Annual	A =	Drinking Water	DWSRF 10%
3 Hold regular meetings and/or conference calls with EPA to discuss PWSs issues. Document agreement on discussed items and follow up actions.	T= Monthly (12)	A =	Drinking Water	DWSRF 10%
4 Complete GUDI determinations on new groundwater sources as they are developed. Report determinations.	T = Semi-Annual	A =	Drinking Water	DWSRF 10%
5 Review and respond to incremental primacy crosswalks comments as provided by EPA for PWS definition, Arsenic and Radionuclides	T = Within 45 days of receipt from EPA Region 9	A =	Drinking Water, Director	DWSRF 15%
6 Review the January 2017 SDWIS Data Quality Report and determine high priority data quality improvement areas to be addressed in FY18	7/1/2017		Drinking Water	DWSRF 15%
7 Conduct an oversight audit of Maricopa County delegated program	6/30/2018		Compliance /Drinking Water	DWSRF 15%
8 If resources are available attend the annual ASDWA Data Management Users Conference	Semi-Annually		Drinking Water	DWSRF 15%
9 Coordinate with EPA to schedule an EPA PWSS program review	10/1/2016		Drinking Water	
10 Review EPA's PWSS program review report and incorporate recommendations into the FY17 workplan as appropriate	6/30/2017		Drinking Water	

2.1 Protect Human Health

DWR

1.6 Drinking Water Monitoring and Reporting

Continued

1.6					
WQFF	0.06	5,843	2,571	2,614	11,028
VEI DWSRF Match	0.83	36,928	16,248	16,521	69,697
VEI	4.17	166,418	73,224	74,455	314,097
PPG	2.37	34,790	15,308	15,565	65,663
15% Set Aside	0.80	17,366	7,641	7,769	32,776
10% Set Aside	6.14	210,247	92,509	94,064	396,820
	14.37	471,592	207,501	210,988	890,081

2.1 Protect Human Health

DWR

1.7 Source Water Protection

Identify protective strategies and assist individual public water systems with the planning, development and application of measures/actions necessary to implement the Source Water Protection Program. Targets are our goals; however, the actual numbers achieved rely on the willingness and ability of public water systems to participate in the voluntary source water protection program (SWPP).

- a) Source Water Protection – provide technical assistance in planning and implementing local Source Water Protection for public water systems throughout Arizona.
- b) Source Water Assessments – perform or assist in the development of assessments for new individual sources or new systems which voluntarily choose to participate in source water protection by delineating source water protection areas, inventorying potential sources of contamination and performing vulnerability/susceptibility analysis.
- c) GUDI/Suspect GUDI Evaluations/Hydrology reviews – Make sensitivity determinations for PWSs/sources through reviews of occurrence data, sanitary surveys, and hydrological characterizations.

1.7

1 Conduct Source Water Protection Program outreach events with individual PWSs.	6	2	Drinking Water	DWSRF 15%
2 Delineate source water assessment areas for new PWSs/sources or reassess/update existing assessment areas.				DWSRF 15%
A) Collect locational data using GPS and/or GIS for new drinking water sources or modify/update locational information for existing sources.				
a Collect locational data using GPS and/or GIS for new drinking water sources or modify/update locational information for existing sources.	2	1	Drinking Water	
3 Conduct comprehensive inventories of potential sources of contamination.	6	5	Drinking Water	DWSRF 15%
a Collect locational data using GPS and/or GIS for potential sources of contamination (chemical use/storage) within ½ mile radius of a new or existing drinking water source.	3	1	Drinking Water	
b Identify any changes in trends to the previously identified, most prevalent, and most threatening potential sources of contamination.	6/30/2018		Drinking Water	
4 Assist public water systems to identify protection strategies and to implement those strategies.				DWSRF 15%

2.1 Protect Human Health

DWR

1.7 Source Water Protection

Continued

1.7

a Use new and updated SW assessments as part of a PWS's development of a SW Protection Plan

4

1

Drinking Water

5 Participate in regional source water protection calls/forums.

As
scheduled/
needed

1

Drinking Water DWSRF 15%

1.7

WQFF	0.50	29,003	12,761	12,976	54,740
VEI DWSRF Match	0.67	23,571	10,371	10,546	44,488
VEI	0.25	14,502	6,381	6,488	27,371
PPG	1.00	58,558	25,766	26,199	110,523
15% Set Aside	0.96	64,039	28,177	28,651	120,867
10% Set Aside	0.04	2,668	1,174	1,194	5,036
	3.42	192,341	84,630	86,054	363,025

2.1 Protect Human Health

GWR

2.1 Groundwater Protection – Permits

Carry out Arizona's groundwater protection program to protect Arizona's aquifers as drinking water sources. Maintain compliance with these programs through effective permitting in accordance with Department rules, practices, and policies.

Assist individual wastewater systems to improve operations on site.

2.1

1				DWSRF 15%
a	Construction Authorizations Strategy 2.b.i	Semi-Annual	Drinking Water	
b	Discharge Authorizations Strategy 2.b.i	Semi-Annual	Drinking Water	
2	Report number of permitting decisions on Certificates of Approval of Sanitary Facilities for Subdivisions applications. Strategy 3.a.i	Semi-Annual	Drinking Water	
3	Report on groundwater issues related to underground injection via the APP Permits with UIC Nexus.Table following Task 2.1.	Semi-Annual	Water Permits	DWSRF 10%
4	Report number of permitting decisions on APP and reclaimed water permit applications.	Semi-Annual	Water Permits	
5	Provide technical support to WQIG on grant applications & public education. Strategy 3.a.i	As needed	Water Permits	
6	Register existing and new dry wells (Class V injection wells). Report number registered.	Semi-Annual	Water Permits	DWSRF 15%
7	Provide list of APP recharge applications in progress. (Refer to Recharge Facility Reviews Table following Task 2.1.)	Semi-Annual	Water Permits	DWSRF 15%
8	Review hydrologic reports, attend meetings and provide technical support on projects related to mitigation orders. (Refer to Mitigation Order Reviews Table following Task 2.1)	Semi-Annual	Water Permits/Compliance	DWSRF 15%

2.1 Protect Human Health

GWR

2.1 Groundwater Protection – Permits

Continued

2.1

9 Manage the Pesticide Contamination Prevention Program

- | | | | |
|---|---|-------------|---------------|
| a | Evaluate potential for agricultural use pesticide active ingredients to reach and/or impact groundwater. Report number processed. | Semi-Annual | Water Permits |
| b | Publish the annual Groundwater Protection List (GWPL) | Semi-Annual | Water Permits |

10 Complete groundwater basin report for:

- | | | | |
|---|--|-----------|------------------------|
| a | Duncan Valley Basin | 12/1/2017 | Groundwater Protection |
| b | Bonita Creek Basin | 3/1/2018 | Groundwater Protection |
| c | Hassayama sub-Basin of the Phoenix AMA | 6/1/2018 | Groundwater Protection |

2.1 Protect Human Health

GWR

2.1 Groundwater Protection – Permits

Continued

2.1

WQFF PPG Match	3.33	145,367	63,962	65,037		274,366
WQFF DWSRF Match	0.22	14,036	6,176	6,280		26,492
WQFF	19.00	878,797	386,671	393,174		1,658,642
PPG	0.25	13,152	5,787	5,884		24,823
DWSRF 15%	0.07	6,816	2,999	3,050		12,865
Archival Services					35,280	35,280
	22.87	1,058,168	465,595	473,425	35,280	2,032,468

1 - APP PERMITS WITH UIC NEXUS

Excelcior Gunnison	The project is a proposed in situ (ISR) copper mine. The ISR method involves injecting low-pH barren solutions into the orebody using injection wells and extracting copper-bearing solutions at recovery wells that surround each injection well.
Florence Copper, Inc. Pilot Test Facility	FCI applied for a significant amendment to the Temporary Individual Permit. The purpose of the amendment is to address the Water Quality Appeals Board decision to uphold the Administrative Law Judge's decision on the Appeal of the permit.
BHP Miami	APP to include injection well field. Existing Individual APP Permit #101546.
Morton Salt	Glendale, AZ. Salt is mined from Luke Salt Body via solution mining wells. Existing Individual APP (Permit #100176).

2.1 Protect Human Health

GWR

2.1 Groundwater Protection – Permits

Continued

2 - RECHARGE FACILITY REVIEWS

TBD at end of FY 17

2.1 Protect Human Health

GWR

2.1 Groundwater Protection – Permits

Continued

3 - MITIGATION ORDER REVIEWS

Sierrita Mitigation Order

Sulfate in groundwater from Freeport McMoRan Sierrita Mine

Bisbee Mitigation Order

Sulfate in groundwater from Freeport McMoRan Copper Queen Mine

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Carry out federal and state statutory requirements of the Arizona Pollutant Discharge Elimination System program to ensure discharges to surface waters will meet water quality standards and, therefore, will not degrade surface water quality. Maintain compliance through effective permitting in accordance with Department rules, practices, and policies.

3.1

1 Report the number of permitting decisions on AZPDES individual permit applications.

a.i	Report numbers processed. Issued	Semi-annual	Surface Water
a.ii	Report numbers processed. Modified	Semi-annual	Surface Water
a.iii	Report numbers processed. Denied	Semi-annual	Surface Water
a.iv	Report numbers processed. Suspended	Semi-annual	Surface Water
a.v	Report numbers processed. Withdrawn/Revoked	Semi-annual	Surface Water
a.vi	Report numbers processed. Backlogged	Semi-annual	Surface Water
b	Coordinate with EPA on variance approval process and strategy.	Semi-annual	Surface Water

2 Process permit renewals for all expiring AZPDES permits with a goal of 90% current to minimize backlog. (Refer to AZPDES Renewal Permits Table following Task 1.3.1.). For purposes of this work plan, 'backlog' means an AZPDES application that is 6 months after the permit expiration or one year after application receipt date for a new application.

>90%	# Individual Permits:	Surface Water
	# General Permits:	
	Total # Permits:	
	# Backlogged:	
	% backlogged:	

3 Phase I MS4 Permits

a	Review annual reports	1/31/2017	Surface Water
b	Continue outreach efforts	ongoing	Surface Water

3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1

4 Implement activities for MS4 Permittees

a.i	Medium and Large MS4s Inspections:	0	Surface Water
b.i	Small MS4s: Conduct 8 Small MS4 Inspections	T = 8	Surface Water

5 Reissue the following General Permits: Multi Sector GP, Construction GP, Pesticide GP, Infrequent Discharges GP, Minor Discharges GP, Biosolids Land Application GP

a.i	Multi Sector General Permit - Prepare preliminary draft permit	8/31/2017	Surface Water
a.ii	Multi Sector General Permit - Stakeholder process	10/31/2017	Surface Water
a.iii	Multi Sector General Permit -Public notice draft permit in Arizona Administrative Register	1/26/2018	Surface Water
a.iv	Multi Sector General Permit - Prepare responses to public notice comments	2/26/2018	Surface Water
a.v	Multi Sector General Permit - Issue final permit	5/1/2018	Surface Water
b.i	Stormwater Construction General Permit - Prepare preliminary draft permit	10/17/2017	Surface Water
b.ii	Stormwater Construction General Permit - Stakeholder process	1/19/2018	Surface Water
b.iii	Stormwater Construction General Permit - Public notice draft permit in Arizona Administrative Register	3/16/2018	Surface Water
b.iv	Stormwater Construction General Permit - Prepare responses to public notice comments	4/16/2018	Surface Water
b.v	Stormwater Construction General Permit - Issue final permit	6/2/2018	Surface Water

3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1

c	Pesticide General Permit - On hold pending federal outcome		Surface Water
d.i	Infrequent Discharges of Domestic Wastewater GP - Prepare preliminary draft permit	7/1/2017	Surface Water
d.ii	Infrequent Discharges of Domestic Wastewater GP - Stakeholder process	8/1/2017	Surface Water
d.iii	Infrequent Discharges of Domestic Wastewater GP - Public notice draft permit in Arizona Administrative Register	9/1/2017	Surface Water
d.v	Infrequent Discharges of Domestic Wastewater GP - Issue final permit	1/1/2018	Surface Water
e.i	Minor Discharges of Domestic Wastewater GP - Prepare preliminary draft permit	7/1/2017	Surface Water
e.ii	Minor Discharges of Domestic Wastewater GP - Stakeholder process	8/1/2017	Surface Water
e.iii	Minor Discharges of Domestic Wastewater GP - Public notice draft permit in Arizona Administrative Register	9/1/2017	Surface Water
e.v	Minor Discharges of Domestic Wastewater GP - Issue final permit	1/1/2018	Surface Water
f.i	Biosolids Land Application GP - Prepare preliminary draft permit	4/1/2018	Surface Water
f.ii	Biosolids Land Application GP - Stakeholder process	5/1/2018	Surface Water
f.iii	Biosolids Land Application GP - Public notice draft permit in Arizona Administrative Register	6/1/2018	Surface Water

3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1

f.v	Biosolids Land Application GP - Issue final permit	1/1/2019	Surface Water
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6 AZPDES General Permits - Review and process applications, annual reports, DMRs and SWPPPs.
Report applications processed:

a.i	Biosolids GP Notices of Intent	Semi-annual	Surface Water
a.ii	Biosolids GP Notices of Termination	Semi-annual	Surface Water
a.iii	Biosolids GP Total Number of Filers	Semi-annual	Surface Water
b.i	Infrequent discharge GP Notices of Intent	Semi-annual	Surface Water
b.ii	Infrequent discharge GP Notices of Termination	Semi-annual	Surface Water
b.iii	Infrequent discharge GP Total Number of Filers	Semi-annual	Surface Water
c.i	Minor discharges GP Notices of Intent	Semi-annual	Surface Water
c.ii	Minor discharges GP Notices of Termination	Semi-annual	Surface Water
c.iii	Minor discharges GP Total Number of Filers	Semi-annual	Surface Water
d.i	Multi-Sector General Permits Notices of Intent	Semi-annual	Surface Water
d.ii	Multi-Sector General Permits Notices of Termination	Semi-annual	Surface Water
d.iii	Multi-Sector General Permits Certificate of No Exposure	Semi-annual	Surface Water

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1

d.iii	Multi-Sector General Permits Total Number of Filers	Semi-annual	Surface Water
e.i	Stormwater Construction General Permits Notices of Intent	Semi-annual	Surface Water
e.ii	Stormwater Construction General Permits Notices of Termination	Semi-annual	Surface Water
e.iii	Stormwater Construction General Permits Waivers	Semi-annual	Surface Water
e.iii	Stormwater Construction General Permits Total Number of Filers	Semi-annual	Surface Water
f.i.(1)	DeMinimis General Permits Notices of Intent Single source	Semi-annual	Surface Water
f.i.(2)	DeMinimis General Permits Notices of Intent Area wide	Semi-annual	Surface Water
f.ii	DeMinimis General Permits Notices of Termination	Semi-annual	Surface Water
f.iii	DeMinimis General Permits Total Number of Filers	Semi-annual	Surface Water
g.i	Pesticide General Permit Notices of Intent	Semi-annual	Surface Water
g.ii	Pesticide General Permit Notices of Termination	Semi-annual	Surface Water
g.iii	Pesticide General Permit Total Number of Filers	Semi-annual	Surface Water

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1

VEI	12.74	480,502	211,421	214,977		906,900
Contract: MS4 Audits (WQFF)					30,000	30,000
	12.74	480,502	211,421	214,977	30,000	936,900

Tempe Town Lake ** carryover	AZ0024490	Maj	New Application Pending			NA	NA
ENTRADA DEL ORO	AZ0024899	Min	Renewal Application Pending	1/24/2018	7/28/2017		
TRILLIUM WEST WWTP	AZ0025518	Maj	Renewal Application Pending	1/24/2018	7/28/2017		
USAF - LUKE AFB - LITCHFIELD PARK WWTP	AZ0110221	Maj	Renewal Application Pending	1/24/2018	7/28/2017		
CITY OF YUMA - FIGUEROA AVE WPCF	AZ0020443	Maj	Renewal Application Pending	2/21/2018	8/25/2017		
NIBW GAC TREATMENT FACILITY	AZ0026123	Min	Renewal Application Pending	3/25/2018	9/26/2017		
JBS FIVE RIVERS CATTLE FEEDING	AZ0026115	Min	Renewal Application Pending	4/8/2018	10/10/2017		
AG&F - TONTO CREEK FISH HATCHERY	AZ0021211	Min	Renewal Application Pending	6/12/2018	12/14/2017		
CITY OF TUCSON - LAKESIDE PARK LAKE	AZ0024201	Min	Renewal Application Pending	6/16/2018	12/18/2017		
SUN VALLEY SOUTH WRP	AZ0025691	Maj	Renewal Application Pending	6/23/2018	12/25/2017		

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

PALO VERDE ROAD WWTP	AZ0025500	Min	Renewal Application Pending	6/23/2018	12/25/2017
CAMELBACK ROAD & CENTRAL AVENUE WQARF AREA	AZ0024848	Min	Renewal Application Pending	7/10/2018	1/11/2018
SUPERIOR SANITARY DISTRICT - WWTP	AZ0021199	Min	Renewal Application Pending	7/10/2018	1/11/2018
AGUA NUEVA WRF	AZ0026107	Maj	Renewal Application Pending	7/10/2018	1/11/2018
SADDLEBROOKE RANCH WATER RECLAMATION PLANT	AZ0024775	Min	Renewal Application Pending	7/10/2018	1/11/2018
ARIZONA CITY SANITARY DISTRICT - WWTP	AZ0024244	Maj	Renewal Application Pending	7/25/2018	1/26/2018
ORACLE SANITARY DISTRICT WWTP	AZ0020681	Min	Renewal Application Pending	9/12/2018	3/16/2018
SRP - KYRENE GENERATING STATION K-7	AZ0024791	Maj	Renewal Application Pending	9/23/2018	3/27/2018
CITY OF PHOENIX - RIO SALADO HABITAT RESTORATION	AZ0024554	Maj	Renewal Application Pending	9/30/2018	4/3/2018
JRC GOODYEAR	AZ0025747	Min	Renewal Application Pending	10/3/2018	4/6/2018
PILOT TRAVEL CENTER #328	AZ0025658	Min	Renewal Application Pending	12/3/2018	6/6/2018

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.2 CWA 401 Certification Review of Federal Permits and Licenses

Conduct CWA §401 Certification program to ensure activities being proposed for federal permits or licenses will meet surface water quality standards.

3.2

1 Report certification decisions on State 401 applications. (Refer to 401 Certification Actions Table following Task 3.2) Report certification decisions.

PPG

a	Regional CWA 404 general permits	Semi-Annual	Surface Water
b	Individual CWA 404 permits	Semi-Annual	Surface Water
c	Nationwide CWA 404 permits	Semi-Annual	Surface Water
d	Other federal permit or licenses applications	Semi-Annual	Surface Water

3.2

WQFF	1.00	17,518	7,708	7,838	33,064
PPG	0.34	5,428	2,388	2,428	10,244
	1.34	22,946	10,096	10,266	43,308

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.3 Regional Water Quality Management Planning

Carry out state and federal requirements of regional Water Quality Management Planning Program utilizing the 604b grant money. The state will shift to start looking for innovative planning projects within the state. (CWA 208 Program).

3.3

1 Process WQM Plan Amendments/Updates. Report status of amendments received. (Refer to Regional WQM Planning Activity table following Task 3.3)	Semi-Annual	Surface Water	604(b)16
2 Process 208 conformance determinations. Report determinations. (Refer to Regional WQM Planning Activity table following Task 3.3)	Semi-Annual	Surface Water	604(b)16
3 Coordinate and assist Regional organization in their planning efforts, including evaluating the necessity for a revised State Water Quality Management Plan		Surface Water	PPG

3.3

PPG	1.00	15,417	6,783	6,898		29,098
Aid to Orgs: Council of Gov't (604(b) 16)					140,000	140,000
	1.00	15,417	6,783	6,898	140,000	169,098

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.4 Surface Water Program Development

Perform support activities for surface water program including development of program rules, procedures, and policies.

3.4

1	Finalize triennial review				PPG
a	Meet with Governor's Regulatory Review Council	7/31/2016		Surface Water	
	Strategy 1.a.ii				
b	Submit to EPA for final approval	8/31/2016		Surface Water	
	Strategy 1.a.ii				
2	Prepare draft narrative lakes nutrient criteria and implementation procedures for public comment.	9/30/2016		Surface Water	NPS in PPG
	Strategy 1.a.ii				
3	Draft Impaired Waters Identification Rule update for internal review.	8/31/2016		Surface Water	PPG

3.4

WQFF	0.59	8,533	3,755	3,818	16,106
PPG	0.30	7,585	3,337	3,394	14,316
NPS WQFF	0.20	6,893	3,033	3,084	13,010
NPS PPG	2.75	26,898	11,835	12,034	50,767
	3.84	49,909	21,960	22,330	94,199

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.5 Ambient Monitoring Program

Conduct ambient monitoring program, which includes rivers and streams, lakes and reservoirs, groundwater, fish tissue and sediment sampling for priority pollutants. Monitoring to include targeted characterization, planning and/or probabilistic sites in support of 305(b) assessment process, maintaining designated uses, and CWA-SDWA coordination.

3.5

1 Conduct ambient stream, lake, fish, and intermittent stream monitoring according to the FY18 sample plan throughout Arizona.	6/30/2018	Surface Water	NPS in PPG, PPG, 106 Mon - 6
Ambient sampling			
Strategy 1.a.i			
2 Send FY18 SAP to EPA.	8/31/2017	Surface Water	NPS in PPG
Strategy 1.a.i			
3 Prepare FY19 ambient monitoring plan	6/30/2018	Surface Water	
Strategy 1.a.i			

3.5

WQARF	0.67	19,938	8,773	8,920	37,631
PPG Match	0.25	11,534	5,075	5,160	21,769
PPG	3.16	76,200	33,528	34,092	143,820
NPS PPG Match	1.91	69,049	30,382	30,893	130,324
NPS PPG	4.35	98,562	43,367	44,097	186,026
Contract: Lake Havasu Monitoring (PPG)				8,000	8,000
Contract: Lab				5,000	5,000
106	1.00	20,756	9,133	9,286	39,175
Contract: USGS (PPG)				95,000	95,000
Contract: Ambient Sampling (PPG)				203,700	203,700
	11.34	296,039	130,258	132,448	311,700
				311,700	870,445

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.6 106 Monitoring

Conduct monitoring Initiative (MI) program for implementation of Arizona approved comprehensive monitoring strategy.

3.6

1 Conduct nutrient monitoring for Rivers and Streams per FY18 sampling and analysis plan.	Quarterly	Surface Water	NPS in PPG, 106 Mon - 6
Strategy 1.a.i; Strategy 1.b.ii			
2 Intermittent Streams	6/30/2018	Surface Water	NPS in PPG, PPG, 106 Mon - 6
Complete Report on Condition of Intermittent Streams			
Strategy 1.a.i			
3 Design probabilistic fish consumption advisory survey	8/31/2017	Surface Water	NPS in PPG
Select sample frame and indicators and incorporate into FY18 sampling and analysis plan			
4 Sample 15 sites selected by EPA for the National Lake Survey	9/30/2017	Surface Water	106 Mon - 6
5 FY18 Summary	6/30/2018	Surface Water	106 Mon - 5
Summarize the number of sites sampled for FY18			

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.6 106 Monitoring

Continued

3.6						
WQFF	0.33	5,439	2,393	2,434		10,266
WQARF PPG Match	1.25	11,699	5,147	5,234		22,080
PPG	4.07	75,254	33,112	33,669		142,035
NPS WQARF PPG Match	0.40	10,728	4,720	4,800		20,248
NPS PPG	1.75	14,733	6,482	6,592		27,807
Contract: Lab					5,000	5,000
Contract: Fish Lab Analysis					20,000	20,000
106	2.09	71,400	31,416	31,945		134,761
	9.89	189,253	83,270	84,674	25,000	382,197

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.7 305(b) Water Quality Assessment Report and 303(d) List

Develop Integrated Report and list of impaired waters.

3.7

1 Complete external call for data using web-based portal through the new water quality database

NPS in PPG,
PPG

a Gather data for the 2018 Assessment
Strategy 1.a.i

7/15/2016

Surface Water

3.7

WQFF		10,199	4,487	4,563		19,249
PPG	2.75	74,826	32,924	33,477		141,227
NPS PPG	0.60	5,049	2,221	2,259		9,529
IT Project: Assessment Calculator					260,000	260,000
106	1.00	20,756	9,133	9,286		39,175
	4.35	110,830	48,765	49,585	260,000	469,180

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.8 Watershed Plan and TMDL Development and Nonpoint Source Program Planning Activities

Plan and manage a Nonpoint Source (NPS) program, including the development of watershed planning documents (TMDLs, WQIPs and EPA-approved alternative plans) to improve surface water quality. Upper San Pedro and Upper Santa Cruz Clean Water Plans will be carried into FY18.

3.8

1 Complete TMDLs for Queen Creek (6)		Surface Water	NPS in PPG, PPG
See Special Table 3.8/3.9			
Strategy 1.c.i			
2 Complete Upper Santa Cruz Clean Water Plan (4)	1/31/2018	Surface Water	NPS in PPG
See Special Table 3.8/3.9			
Strategy 1.c.i			
3 Data collection for San Pedro CWP	2/1/2018	Surface Water	NPS in PPG
See Special Table 3.8/3.9			
Strategy 1.c.i			
4 Baseline monitoring for Davidson Canyon	12/31/2017	Surface Water	NPS in PPG
See Special Table 3.8/3.9			
Strategy 1.c.i			
6 Citizen Science Program			
a Complete handbook and training documents	9/8/2017	Surface Water	
Strategy 1.b.i; Strategy 1.b.ii			
b Complete first volunteer training	Biannual (October 2017/March 2018)	Surface Water	
7 NPS Program Planning			
a Host multi-agency nonpoint source prioritization meeting	12/31/2017	Surface Water	
Objective 3.c			
b Conduct meeting with NRCS to plan FY18 NWQI activities	7/15/2017	Surface Water	
Strategy 3.b.ii; Strategy 4.a.i			
8 WQIG Cycle Development			

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.8 Watershed Plan and TMDL Development and Nonpoint Source Program Planning Activities

Continued

3.8

a	Host 2 project planning events for potential grantees Strategy 3.b.ii; Strategy 3.c.i	6/30/2018	Surface Water
b	Release WQIG Cycle RFGA	9/15/2017	Surface Water
c	Award Preservation Cycle 1 project grants	12/1/2017	Surface Water
d	Release Preservation Grant Cycle 2 RFGA (pending available funding)	3/30/2018	Surface Water

3.8

WQFF	0.33	3,400	1,496	1,521	6,417
WQARF PPG Match	1.00	56,439	24,833	25,251	106,523
PPG	4.50	117,297	51,611	52,479	221,387
NPS WQARF PPG Match	0.50	3,893	1,713	1,742	7,348
NPS PPG	2.80	68,546	30,160	30,668	129,374
Contract: TMDL Sampling (NPS in PPG)				60,000	60,000
Citizen Scientist				28,175	28,175
Contract: TMDL Sampling (PPG)				27,300	27,300
	9.13	249,575	109,813	111,661	586,524

3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Implement watershed planning documents and other projects to protect and restore surface water quality. Conduct effectiveness monitoring and evaluations to track resulting water quality improvements. Report on NPS program progress and successes. Closing out Hillside Mine NPS grants, reducing ULO from 56% to 35% from last year to this year.

3.9

Arizona Conservation Partnership participation	6/30/2018	Surface Water	
Participate and coordinate with the Arizona Conservation Partnership (replacing CRM)			
1 Oversee ongoing implementation projects and technical support contracts to ensure timely completion.	Semi Annual Status Table Update	Surface Water	NPS in PPG
See Special Table 3.8/3.9			
Objective 2.a; Strategy 3.b.iii			
2 Effectiveness monitoring and BMP evaluations.			NPS in PPG
a Develop Effectiveness Monitoring & Evaluation plan to identify key sites for FY18.	7/30/2017	Surface Water	
Strategy 4.a.i			
b Implement FY18 Effectiveness Monitoring & Evaluation Plan	Semi Annual Status Table Update	Surface Water	
Strategy 4.a.i			
3 Implement general nonpoint source education, outreach, and technical support activities as requested.			NPS in PPG
a Statewide education and outreach.	Semi Annual Status Table Update	Surface Water	
Strategy 1.c.ii; Strategy 1.c.iii; Strategy 2.b.i; Objective 3.b			
4 Conduct monthly update calls with EPA Region 9.	Monthly	Surface Water	NPS in PPG
Objective 4.b			
5 Enter load reduction data into GRTS in accordance with EPA requirements and deadlines and ensure mandated elements are up to date for existing projects.	2/15/2018	Surface Water	

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.9

Objective 4.b

6 Draft and submit two WQ-10 and/or SP-12 reports to EPA.	6/30/2018	Surface Water
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Objective 4.b

7 NWQI reporting	Semi Annual Status Table Update	Surface Water
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Objective 4.b

8 Report on annual progress of implementing the 2015 - 2019 NPS 5-year plan

a Submit draft annual report to EPA for review and comment	7/31/2017	Surface Water
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Objective 4.b

b Submit final annual report to EPA	9/30/2017	Surface Water
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Objective 4.b

9 2020-2024 NPS 5-year plan	1/31/2018	Surface Water
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Begin planning and discussing with EPA elements of NPS 5-year plan

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.9

WQARF PPG Match	0.50	27,888	12,271	12,477		52,636
WQARF	0.50	6,970	3,067	3,118		13,155
PPG	3.50	75,953	33,419	33,981		143,353
NPS WQARF PPG Match	1.00	61,828	27,204	27,662		116,694
NPS PPG	3.80	86,890	38,232	38,875		163,997
Aid to Orgs: NPS Projects (NPS Proj 27)					1,276,500	1,276,500
	9.30	259,529	114,193	116,113	1,276,500	1,766,335

3.9	18-002 - San Francisco/ Blue River E. coli Reduction	NPS Implementation
	WQIG	E. coli; sediment
	Closes 5/31/2018	
3.8	Upper Santa Cruz Clean Water Plan	WQIP (combined)
	Plan completion	E. coli
	1)Draft CWP (10/31/2017)	
	2) Release for public comment (12/1/2017)	
	3) Submit to EPA for approval (1/31/2018)	
	Upper San Pedro Clean Water Plan	WQIP (combined)
	Plan Development	E. coli, dissolved copper
	1) Implement SAP (ongoing)	
	2) Draft CWP (5/31/2018)	
	Davidson Canyon	Baseline monitoring
	Data summary	
	1) Implement SAP (ongoing)	
	2) Develop data summary (12/15/2017)	

3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.9	San Pedro Effectiveness Monitoring and BMP Evaluations	Effectiveness monitoring; BMP evaluation
	WQIG; NWQI; WQD PM	E. coli
	1) Implement SAP (ongoing)	
	Big Bug Effectiveness Monitoring	Effectiveness Monitoring
	WQD PM	Lead, copper, zinc
	1) Develop SAP (12/15/2017)	
	2) Install equipment (1/15/2018)	
	3) Implement SAP (ongoing)	
	Mule Gulch Effectiveness monitoring	Effectiveness Monitoring
	WQD PM; Data summary	Dissolved copper
	1) Implement SAP (ongoing)	
	2) Develop data summary (11/10/2017)	
	Boulder Creek Effectiveness Monitoring	Effectiveness Monitoring; BMP Evaluation
	WQD PM	Az, Cu, Zn
	1) Quarterly sampling (ongoing)	
	2) Update data summary (11/10/2017)	
	Pinto Creek Effectiveness Monitoring	Effectiveness Monitoring
	WQD PM; Data summary	Dissolved copper
	1) Implement revised SAP (ongoing)	
	2) Develop data summary (11/10/2017)	
3.8	Queen Creek TMDL	Traditional TMDL
	Plan Completion	Dissolved Copper
	1) Submit to EPA for approval	
3.9	18-001 - Horseshoe Draw	NPS Implementation
	WQIG	E. coli; sediment
	Closes 9/30/2017	

3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

19-003 Wetland Restoration on O'Donnell Creek	NPS Implementation
WQIG	E. coli
Closes 4/30/2019	
18-004 - Erosion and E. coli mitigation on Sands Ranch	NPS Implementation
WQIG	E. coli; sediment
Closes 5/31/2018	
18-005 - Oak Creek Erosion on Schnebly Hill	NPS Implementation
WQIG	E. coli; sediment
Closes 12/31/2017	
18-006 - Erosion Control on Babocomari	NPS Implementation
WQIG	E. coli; sediment
Closes 5/31/2018	
18-007 - Running N Bar	NPS Implementation
WQIG	E. coli; sediment
Closes 12/31/2017	
AZ Game and Fish	NPS Implementation
WQIG	Various
Closes 5/31/2018	
Master Watershed Stewards	NPS Implementation
Plan development; BMP evaluation	Various
Closes 5/31/2018	
Volunteer Water Quality Monitoring (UA contract)	NPS Implementation
WQIG	Various
Closes 5/31/2018	

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

SWR

3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

19-001 - Little Colorado River Crossing	NPS Implementation
WQIG	Sediment
Closes 4/30/2019	
19-002 - Menges Ranch Water System	NPS Implementation
Maintenance Project	
WQIG	E. coli
Closes 4/30/2019	
Apache Natural Resource Conservation	NPS Implementation
District	
WQIG	Sediment
Closes 4/30/2018	

4.1 Drinking Water Compliance and Enforcement

Conduct compliance inspections of drinking water systems. Investigate and resolve complaints relating to regulated facilities. Respond to drinking water emergencies. Populate SDWIS sanitary survey fields.

Evaluate, prepare and take informal and formal enforcement actions for violations of state drinking water program statutes and rules and for violations of delegated federal SDWA statutes and rules. Utilize community liaisons to track progress towards meeting compliance schedules. Submit the updated Enforcement Protocol Response (ERP) report within 3 weeks of receipt. Transmit the inspection report to the Drinking Water Monitoring Unit for SDWIS data entry.

4.1

1	Report the number of Drinking water sanitary surveys conducted, prioritized by date of last survey.			DWSRF 15%, DWSRF 10%
a	Scheduled inspections of all surface water (SW), surface water purchased (SWP) or ground water under the direct influence of surface water (GWUDI) primary source PWSs are on a three-year cycle.	TBD	Compliance	
b	Scheduled inspections of all non-community ground water (GW) or ground water purchased (GWP) primary source PWSs are on a five-year cycle.	TBD	Compliance	
c	Scheduled inspections of all GW and GWP primary source community systems are on a three-year cycle.	TBD	Compliance	
d	Scheduled inspections of all Outstanding Performers (GW and GWP) on a five-year cycle.	TBD	Compliance	
2	Report the total number of complaints investigated related to drinking water.	Semi-Annual	Compliance	PPG
3	Report the total number of complaints/non-routine drinking water inspections.	Semi-Annual	Compliance	PPG
4	Report the total number of informal Drinking Water Enforcement Actions.			PPG
a.	Number of Notices of Opportunity to Correct (NOCs) and/or Notices of Violation (NOVs) issued	Semi-Annual	Compliance	

2.1 Protect Human Health

GWR, DWR

4.1 Drinking Water Compliance and Enforcement

Continued

4.1

b.	Number of NOC/NOV Closures	Semi-Annual	Compliance	
5	Report the total number of formal Drinking Water Enforcement Actions.			PPG
a.	Number of Administrative Orders issued.	Semi-Annual	Compliance	
b.	Number of Administrative Orders terminated	Semi-Annual	Compliance	
6	Evaluate and respond to EPA's July 2015 Enforcement Tracking Tool (ETT) Report.			PPG, DWSRF 10%
a.	Address all water systems with a score of 11 or higher.	7/2/2018	Compliance	
b.	During the quarterly conference calls between ADEQ and EPA Enforcement Division, discuss and identify EPA/State workshare (i.e. list of specific systems) for addressing public water systems with a score of 11 or higher.	Quarterly	Compliance	
7	Hold monthly meetings and/or conference calls with EPA to discuss drinking water enforcement. Document agreement on discussed items and follow up actions	Monthly	Compliance	

2.1 Protect Human Health

GWR, DWR

4.1 Drinking Water Compliance and Enforcement

Continued

4.1						
WQFF	3.42	70,115	30,851	31,370		132,336
VEI	1.85	58,936	25,932	26,368		111,236
PPG	1.17	37,972	16,708	16,989		71,669
Contract: DW Rules Update					30,000	30,000
15% Set Aside	3.76	183,703	80,829	82,189		346,721
10% Set Aside	5.54	203,788	89,667	91,175		384,630
	15.74	554,514	243,987	248,091	30,000	1,076,592

4.2 Groundwater Compliance and Enforcement

Implement measures to protect Arizona aquifers that serve as drinking water sources. Evaluate, prepare and take informal and formal enforcement actions for violations of state water quality statutes, rules and permit conditions. Utilize community liaisons to track progress towards meeting compliance schedules.

4.2

1 Report the number of inspections of facilities possessing the following permit types according to risk-based inspection criteria.					PPG, DWSRF 15%, DWSRF 10%
a. Individual APP; General APP/GQPP/NOD/Reuse	TBD			Compliance	
2 Report the total number of Informal Groundwater Enforcement Actions					PPG
a. Number of Notices of Opportunity to Correct (NOCs) and/or Notices of Violation (NOVs) issued.	Semi-Annual			Compliance	
b. Number of NOC/NOV Closures issued	Semi-Annual			Compliance	
3 Report the total number of Formal Groundwater Enforcement Actions.					PPG
a. Number of Administrative Orders issued.	Semi-Annual			Compliance	
b. Number of Administrative Orders terminated	Semi-Annual			Compliance	

4.2

WQFF-DWSRF 10% [Match]	0.75	30,943	13,615	13,844	58,402
WQFF	13.12	280,883	123,588	125,667	530,138
WQARF PPG Match	1.00	3,778	1,662	1,690	7,130
	14.87	315,604	138,865	141,201	595,670

4.3 Surface Water Compliance and Enforcement

Conduct site inspections of AZPDES regulated facilities. AZPDES inspection reports will encompass applicable activities as described in the NPDES Compliance Inspection Manual (EPA 305-x-04-001, July 2004). Provide electronic PDF copies of all completed major and minor inspection reports within 30 days of issuance to R9NPDES@epa.gov, including the facility name and permit number in the email subject line.

Pretreatment audits and inspections shall be performed in accordance with “Pretreatment Compliance Inspection and Audit Manual for Approval Authorities” (EPA 833/B-86-100, July 1986). Provide electronic PDF copies of the compliance inspection and audit reports within 30 days of issuance to the EPA Region 9 Pretreatment Coordinator and to R9NPDES@epa.gov, including the facility name and permit number in the email subject line.

Review each AZPDES permit application from publicly owned treatment works (POTW) without a pretreatment program to determine whether any significant industrial users (SIU) are discharging to the POTW. If so, require the POTW to develop a pretreatment program (full or SIU oversight only) in the subsequent permit or alternatively add the SIUs to the State’s SIU inventory.

Review and approve new programs (full or SIU-oversight only) and changes to approved pretreatment programs submitted by POTWs. Provide written analyses to the POTWs when such submittals are unprovable.

Evaluate, prepare, and take informal and formal enforcement actions for violations of water quality statutes, rules and permit conditions and federal CWA statutes, rules and permit conditions. Utilize community liaisons to track progress towards meeting compliance schedules. Provide electronic PDF copies of all formal and judicial enforcement actions when issued to R9NPDES@epa.gov, including the facility name and permit number in the email subject line.

Manage the Arizona data in the ICIS-NPDES data system according to EPA data policies[1] and EPA’s NPDES electronic reporting rule. This includes data collection, data entry to ICIS-NPDES of required data elements, and reporting. Data sources can include dischargers, state databases, and contractors. Electronic reporting rule requirements for storm water data shall be entered in compliance with the PPG grant condition. Arizona will ensure that data and reporting requirements as outlined in their State Implementation Plan (SIP) to meet Phase 2 requirements of EPA’s NPDES electronic reporting rule is completed on schedule and inform EPA in a reasonable time frame if projected tasks cannot be met.

4.3

1 Conduct the targeted number of AZPDES point source inspections:

PPG

- a Perform scheduled compliance inspections of all major facilities that are operational every other year.

28

Surface Water

2.2 Protect and Restore Watersheds and Aquatic Ecosystems

GWR, SRW

4.3 Surface Water Compliance and Enforcement

Continued

4.3

b	Perform scheduled compliance inspections of AZPDES minor point source facilities at least once in permit term.	16	Surface Water	
2	Conduct the targeted number of inspections of stormwater facilities subject to general permitting requirements			PPG
a	Industrial (multi-sector general permit, MSGP)	75	Surface Water	
b.i.	Phase 1 (facilities larger than 5 acres)	40	Surface Water	
b.ii.	Phase 2 (facilities between 1-5 acres) *Inspections of facilities that do not have permit coverage but are subject to general permitting requirements shall count toward the total number of inspections.	15	Surface Water	
c	Develop and implement outreach to increase permitting		Surface Water	
3	Conduct the targeted number of inspections of CAFO/AFO facilities (permitted and unpermitted).			PPG
a	Inspect all AZPDES permitted CAFOs on a five-year cycle.	0	Surface Water	
b	Inspect unpermitted CAFOs, as needed		Surface Water	
4	Conduct the targeted number of Biosolids Inspections.			
a.	Wastewater treatment plants that land apply or surface dispose biosolids once every five years (20/5).	5	Surface Water	
b	Large commercial applications annually.	4	Surface Water	
c	Small commercial applicators at least every other year; applicators applying to their own fields at least twice every five years.	2	Surface Water	

4.3 Surface Water Compliance and Enforcement

Continued

4.3

5 Review annual reports submitted under biosolids rule.			
a	Review annual reports for Major and Minor WWTP generators that land apply or have surface disposal sites. Review all commercial applicators/composters.	26	Surface Water
6 Manage the pretreatment program.			PPG
a	Review the annual reports submitted by each POTW with an approved pretreatment program and provide written feedback when program deficiencies are found.	19	Surface Water
b	Conduct pretreatment audits (PCA) of approved pretreatment programs. The audit shall include at least two inspections of significant industrial users to independently validate the application and implementation of pretreatment standards and requirements.	4	Surface Water
c	Report the total number of pretreatment compliance inspections (PCIs) conducted for of approved pretreatment programs. (A PCI shall not be conducted in the same year as a pretreatment audit.)	8	Surface Water
d	Report the total number of SIU-oversight inspections (POTW with an SIU-oversight only pretreatment program). The focus of these inspections is solely to ensure that SIUs are complying with pretreatment standards and requirements.	Once in 5 years	Surface Water
7 Report the total number of sanitary sewers inspected.			
a	ADEQ will identify which program (APP or AZPDES) has authority to perform SS inspections. ADEQ will provide an inspection target during FY18 mid year review.	1/1/2018	Surface Water

4.3 Surface Water Compliance and Enforcement

Continued

4.3

8 Report total number of complaints investigated relating to Clean Water Act.			PPG
a	Complaints received.	Semi-Annual	Surface Water
b	Number of complaint/non-routine surface water inspections.	Semi-Annual	Surface Water
9 Report a list of informal enforcement actions issued and closed for any data not reported to ICIS:			
a	MSGP Issued; Closed	Semi-Annual	Surface Water
b	CGP Issued; Closed	Semi-Annual	Surface Water
c	Biosolids Issued; Closed	Semi-Annual	Surface Water
d	CAFO Issued; Closed	Semi-Annual	Surface Water
10 Report a list of formal enforcement actions for any data not reported to ICIS.			
a	Administrative orders issued	Semi-Annual	Surface Water
b	Administrative orders terminated.	Semi-Annual	Surface Water
11 Complete a review and provide a response to automated QNCR (major/minor) data to identify inaccuracies.			
a		Monthly	Surface Water

4.3 Surface Water Compliance and Enforcement

Continued

4.3

- 12 Hold meetings and/or conference calls with EPA to discuss timely and appropriate CWA enforcement. (*) Document agreement on discussed items on follow up actions. One call each quarter will be devoted to discussing the QNCR/QNVR list and the details of actions taken on each SNC on the QNCR list.

Notes:

EPA's policy defines "timely" enforcement as formal enforcement taken against a facility in significant non-compliance ("SNC") within 5 ½ months of the end of the quarter in which the facility first appears as SNC on a Quarterly Non-Compliance Report ("QNCR"). Formal enforcement is defined by EPA as an administrative order or civil action that requires the facility to return to compliance. EPA will consider taking formal enforcement action against SNC facilities if ADEQ does not issue a timely formal enforcement action.

a

Monthly

Surface Water

- 13 Update the compliance monitoring strategy for FY18

a

Surface Water

4.3

WQFF PPG Match	0.55	26,666	11,733	11,930	50,329
WQFF	11.03	386,077	169,874	172,731	728,682
PPG	1.95	105,567	46,450	47,231	199,248
	13.53	518,310	228,057	231,892	978,259

2.1, 2.2 Protect Human Health & Protect and Restore Watersheds and Aquatic Ecosystems (2.1 & 2.2)

GWR, DWR, SWR

5.1 Division & Section Management & Support

Manage Water Quality Division and Section programs. Perform managerial, administrative, and other program duties. Advise management team and provide guidance and training to staff. Provide program oversight and guidance to regional staff performing tasks under the integrated work plan. Coordinate development and implementation of delegation agreements. Coordinate necessary rules and policy development for division programs. Provide senior level technical, regulatory and hydrologic support to the Division Director, the Water Quality Division, and the agency. Develop concise, comprehensive, and technically and legally defensible products supporting development, implementation, and interpretation of WQD programs. Process fees and related administrative tasks for the Division.

5.1

1 Participate in EPA/ADEQ grant meetings:			PPG, DWSRF 10%
a End of year review for FY17	9/30/2017	All Sections	
b Mid-year review for FY18	2/28/2018	All Sections	
c EPA negotiation meetings for FY18	3/31/2018	All Sections	
2 Manage division rules agenda			PPG
a 5-year reviews	6/30/2017	Director	
b Executive Order 2015-01 reducing regulatory burden	8/1/2017	Director	
c Rule packages with governor's exemption	6/30/2018	Director	
3 Manage receipt of fees and permit invoicing for the Division	6/30/2018	Deputy Director	
4 If resources are available, ADEQ will attend the: Fall ASDWA meetings and associated ASDWA-EPA roundtable discussions.	6/30/2018	Drinking Water	
5 If resources are available, ADEQ will attend the: Spring ASDWA meetings and associated ASDWA-EPA roundtable discussions.	6/30/2018	Drinking Water	
6 If resources are available, ADEQ will attend the EPA Region 9 State Directors meeting.	6/30/2018	Drinking Water	
7 If resources available, ADEQ will participate in rule development workgroups/workshops as requested by ASDWA or EPA.	6/30/2018	Drinking Water	

2.1, 2.2 Protect Human Health & Protect and Restore Watersheds and
Aquatic Ecosystems (2.1 & 2.2)

GWR, DWR,
SWR

5.1 Division & Section Management & Support

Continued

5.1

8 4) In keeping with EPA Region 9's Greening Grants Policy, ADEQ will identify any appropriate goals and measures for the Agency in the areas of environmental preferable purchasing, resource conservation and disposal, and/or energy efficiency and conservation

Director

9

10

5.1

WQFF PPG Match	1.41	59,746	26,288	26,730		112,764
WQFF	17.29	738,972	325,148	330,616		1,394,736
VEI DWSRF Match	1.06	69,615	30,631	31,146		131,392
VEI	2.18	135,621	59,673	60,677		255,971
PPG	5.78	263,131	115,778	117,725		496,634
NPS WQFF	0.20	6,893	3,033	3,084		13,010
NPS PPG	0.80	27,571	12,131	12,335		52,037
Contract: Education and Training					7,400	7,400
Contract: Attorney General (State Funds)					556,550	556,550
15% Set Aside	1.00	41,796	18,390	18,700		78,886
10% Set Aside	1.00	33,488	14,735	14,983		63,206
Contract: Attorney General (PPG)					198,450	198,450
	30.72	1,376,833	605,807	615,996	762,400	3,361,036

2.1, 2.2 Protect Human Health & Protect and Restore Watersheds and
Aquatic Ecosystems (2.1 & 2.2)

GWR, DWR,
SWR

5.2 Water Quality Planning

Coordinate the development and amendment of annual water quality work plans and grants. Plan, control and monitor expenditures of manpower and state/federal financial resources.

5.2

1 Develop annual FY19 Integrated Water Quality Division Workplan and submit to EPA. PPG

a Draft 2/28/2018 Deputy Director

b Final 5/31/2018 Deputy Director

2 Coordinate development of performance reports PPG

a Final FY17 Output Report to EPA 8/31/2017 Deputy Director

b FY18 Mid-Year Output Report to EPA 2/15/2018 Deputy Director

3 WQ Planning documents PPG

ai Submit Budget Status Reports (BSR) summaries for: Performance Partnership Grant (PPG) Deputy Director

aii Submit Budget Status Reports (BSR) summaries for: DWSRF Federal (15%) Set-Aside Deputy Director

aiii Submit Budget Status Reports (BSR) summaries for: Wellhead (10%) Set-Aside Deputy Director

5.2

PPG	0.35	12,929	5,689	5,785	24,403
	0.35	12,929	5,689	5,785	24,403

2.1, 2.2 Protect Human Health & Protect and Restore Watersheds and
Aquatic Ecosystems (2.1 & 2.2)

GWR, DWR,
SWR

5.3 Water Quality Data Management

Facilitate the development and management of relevant database applications. Facilitate the development of new and expansion of existing e-government applications. Facilitate water data capture, storage, access, retrievals, analysis, integration, and sharing.

All water quality data generated in accordance with an EPA approved Quality Assurance Project Plan will be transmitted into the Agency's Storage and Retrieval (STORET) data warehouse using either the Water Quality Exchange (WQX) or WQXweb. Water quality data that are appropriate for STORET include physical, chemical, and biological sample results for water, sediment and fish tissue. The data include toxicity data, microbiological data, and the metrics and indices generated from biological and habitat data. WQX is the water data schema associated with the EPA, State and Tribal Exchange Network. More information about WQX, WQXweb, and the STORET warehouse, including tutorials, can be found at <http://www.epa.gov/storet/wqx/>

5.3

3 Continue to diagnose and fix bugs in ADEQ Water Quality Compliance Database uploads to EPA Integrated Compliance Information System database.	6/30/2018	ITS Director	PPG
4 Continue to assist in the analysis and design of myDEQ.	6/30/2018	ITS Director Permits Surface Water Compliance Drinking Water	
5 Water Quality Database			PPG
a Install new software and complete data migration to manage water quality data.	6/30/2018	ITS Director Surface Water	
b Diagnose and fix bugs in current water quality database, including data loads to EPA Water Quality Exchange network during transition to new database solution.	6/30/2018	ITS Director Surface Water	
c Provide the number of records sent to EPA's Water Quality Data Exchange for FY18.	8/30/2018	ITS Director Surface Water	
6 Stormwater general permits			

2.1, 2.2 Protect Human Health & Protect and Restore Watersheds and
Aquatic Ecosystems (2.1 & 2.2)

**GWR, DWR,
SWR**

5.3 Water Quality Data Management

Continued

5.3

- | | | | |
|---|--|-----------|----------------------------------|
| a | Diagnose and fix bugs related to permits in storm water database, including annual fees program. | 6/30/2018 | ITS
Director
Surface Water |
| b | Diagnose and fix bugs related to storm water database e-permitting. | 6/30/2018 | ITS
Director
Surface Water |

7 Reporting

- | | | | |
|---|--|-----------|--|
| a | Continue to develop a data warehouse solution for storm water permits, class V injection wells and Discharge Monitoring Report data. | 6/30/2018 | ITS
Director
Surface Water
Compliance |
|---|--|-----------|--|

5.3

WQFF	10.49	743,118	326,972	332,471		1,402,561
WQARF PPG Match	1.00	5,037	2,216	2,254		9,507
VEI DWSRF Match	0.25	6,396	2,814	2,862		12,072
VEI	1.25	21,532	9,474	9,633		40,639
NPS WQARF PPG Match	0.40	9,466	4,165	4,235		17,866
NPS PPG	1.27	67,642	29,762	30,263		127,667
Contract: SWOCs Update					200,000	200,000
Contract: CMDP Migrate					52,000	52,000
106	1.00	20,756	9,133	9,286		39,175
	15.66	873,947	384,536	391,004	252,000	1,901,487

2.1, 2.2 Protect Human Health & Protect and Restore Watersheds and
Aquatic Ecosystems (2.1 & 2.2)

GWR, DWR

5.4 WIFA Support

Provide water and wastewater engineering assistance to WIFA. Pursuant to 2014 amendments to the Clean Water Act, assist WIFA's review of applicants' Cost and Effectiveness Analyses and Fiscal Sustainability Plans. Cost and Effectiveness Analyses include an evaluation of the cost and effectiveness of the Processes, materials, techniques and technologies of the projects. Fiscal Sustainability Plans include an inventory of critical assets, evaluation of asset performance, and a plan for repair and replacement. Initial implementation will be wastewater projects in the first year, but may increase and include drinking water projects over time. Also assist WIFA project managers with the American Iron and Steel requirements.

5.4

1 Provide engineering consultation to WIFA project managers during loan application process:

a	Review WIFA project manager's due diligence report for evaluation of project purpose, scope and cost.	As needed	Water Permits Drinking Water
b	Accompany WIFA project managers on loan application visits when needed to assist with evaluation of technical aspects of project.	As needed	Water Permits Drinking Water
c	Assist with WIFA review of applicants' Cost and Effectiveness Analyses and Fiscal Sustainability Plans.	2-4 wastewater projects	Water Permits Drinking Water

2 Accompany WIFA project managers on construction observations when needed to assist with review of American Iron and Steel compliance.

As needed
Water Permits
Drinking Water

3 Answer questions/provide engineering consultation to WIFA project managers as technical questions arise.

6/30/2018
Water Permits
Drinking Water

5.4

DWSRF	1.00	2,292	1,008	1,025	4,325
	1.00	2,292	1,008	1,025	4,325

2.1, 2.2 Protect Human Health & Protect and Restore Watersheds and
Aquatic Ecosystems (2.1 & 2.2)

GWR, DWR,
SWR

5.5 Border Strategy

Continue implementation of the Border Strategy Plan by identifying water quality transboundary issues, coordinating with U.S. and Mexican counterparts toward the resolution of respective issues, and conducting water quality studies in the Arizona border region.

Coordinate with EPA on Border 2020, or subsequent U.S.-Mexico border environmental program activities, and provide technical support as feasible on projects funded through the program.

5.5

1 Continue support of the wastewater pretreatment program in the Ambos Nogales border region.

Specific activities include:

- | | | | |
|---|---|-----------|-----|
| a | Provide technical support to stakeholders
Strategy 3.c.i | 6/30/2018 | SRO |
| b | Maintain or revise, if necessary, ADEQ's current Memorandum of Understanding with Nogales, Sonora authorities | 6/30/2018 | SRO |
| c | Assist with coordination of training to enhance local pretreatment efforts | 6/30/2018 | SRO |
| d | Assist with source characterization of regulated contaminants | 6/30/2018 | SRO |

2 Participate in or chair meetings with binational stakeholders regarding issues and remedies to the water quality impairment of shared watersheds along the US/Mexico border including Nogales Wash in Ambos Nogales

6/30/2018

SRO

DWSRF 15%

Strategy 3.c.i

3 Support work in Nogales, Sonora to reduce sanitary sewer overflows into Nogales Wash.

6/30/2018

SRO

4 Coordinate with EPA on Border 2020 and provide technical support as feasible on projects funded through the program.

6/30/2018

SRO

2.1, 2.2 Protect Human Health & Protect and Restore Watersheds and Aquatic Ecosystems (2.1 & 2.2)

GWR, DWR,
SWR

5.5 Border Strategy

Continued

5.5

5 Assist in TMDL and groundwater quality investigations for sites located in the border region as assigned. Investigations may include the need to photo-document conditions, collect field notes, conduct water quality sampling and data management, and/or file preliminary reports on findings.

6/30/2018 SRO

Strategy 1.c.i; Strategy 1.c.ii

6 Assist in the development and oversight of special conditions for permits assigned to operators of facilities in the border region.

6/30/2018 SRO

7 Provide bilingual compliance assistance to customers in the border region.

6/30/2018 SRO

5.5

WQFF	0.97	69,649	30,645	31,161	131,455
15% Set Aside	0.33	23,146	10,184	10,355	43,685
	1.30	92,795	40,829	41,516	175,140

